ABSTRACT

"Fatigue-Free Platforms: Vision for Next-Generation Aircraft"

Dy D. Le
U.S. Army Research, Development and Engineering Command (RDECOM)
Army Research Laboratory (ARL)

In 1972, Mr. Le joined the Vietnam Air Force and became a pilot during the Vietnam War. From 72-74, he was trained at the Air Force Officer Training Center in Vietnam; Lackland Air Force Base in San Antonio, Texas; and Army Aviation Center at Fort Rucker, Alabama. In 1974, he was commissioned and received his aviator wing from Fort Rucker, returned to Vietnam, and served at Nha Trang Air Force Base. In 1986 and 1992, he graduated from the Pennsylvania State University with a Bachelor and Master of Science in Mechanical Engineering and Engineering Science. From 1986-1997, he was a Propulsion Research Lead at the Naval Air Propulsion Center located in Trenton, New Jersey. From 1997-2008, he joined the Federal Aviation Administration – William J Hughes Technical Center in Atlantic City, New Jersey, as Program Manager focusing on the Rotorcraft Damage Tolerance/Health and Usage Monitoring System research. From 2008-present, he is the Chief of Mechanics Division from the U.S. Army Research, Development and Engineering Command – Army Research Laboratory responsible for Platform Mechanics, Reliability, and Diagnostics.